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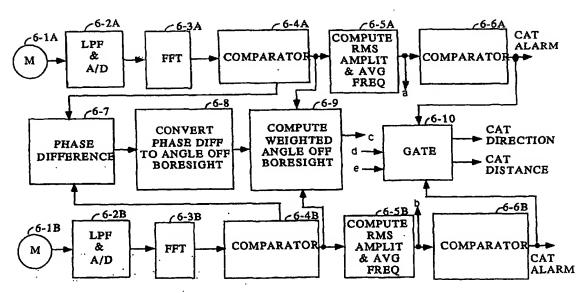
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(54) Title: ATMOSPHERIC TURBULENCE HAZARD DETECTOR



(57) Abstract: An Atmospheric Turbulence Detector utilizes a sensor to detect noise and extracts infrasound having frequencies below a specified infrasound frequency. A threshold is computed from the detection of infrasound in the vicinity of the sensor prior to the arrival of infrasound from the turbulence and an alarm is given when the infrasound from the turbulence are determined with the utilization of two sensors (6-1A, 6-1B), measuring amplitude differences of the infrasound detected at two separate locations.

